

This listing of claims will replace all prior versions of the claims in the application:

**Listing of Claims:**

1. (Original) A composite pipe formed by a metallic pipe with inner lining of plastic material resistant to corroding agents, wherein the inner lining is constituted by a  
5 prefabricated plastic material lamina, curved to a tubular shape to adapt it to the inner surface of the metallic pipe, its longitudinal edges abutting or separated by a small width joint; the curved lamina is placed into the metallic pipe adhered to its inner surface, the joint between said longitudinal edges is filled by means of a filler compatible with the plastic material of the lamina and the material of the metallic pipe, and resistant to the fluids to be conveyed  
10 through the composite pipe.
2. (Currently amended) A method to manufacture a composite pipe formed by a metallic pipe with inner lining of plastic material ~~according to claim 1~~, said method comprising the preparation of a flexible plastic material lamina with a width equal to or slightly less than the inner perimeter of the metallic pipe, transversally curved with respect to  
15 its width, with a curvature radius less than the curvature radius of the metallic pipe, its longitudinal edges abutting or overlapping; inserting the curved plastic material lamina into the metallic pipe and expanding it until the outer surface of the curved plastic material lamina is adhered to the inner surface of the metallic pipe, filling the joint between longitudinal edges of the curved plastic material lamina with a filler.
- 20 3. (Original) The method according to claim 2, wherein the curved plastic material lamina is prepared from a plane plastic material sheet, and coiled to a substantially cylindrical shape.
4. (Currently amended) The method according to claim ~~1~~ 2, wherein the curved plastic material lamina is prepared longitudinally slitting a plastic material pipe following one of its generatrix.
- 25 5. (Original) The method of claim 2, wherein the filler material is a curable composition applied in fluid state, and left to cure after application.

6. (Original) The method of claim 5, wherein the filler material seam applied at the joint of the curved plastic material lamina is smoothed by means of a smoothing roller.

7. (Original) The method of claim 2, wherein the filler material is a fusible plastic material, compatible with the material of the curved plastic material lamina, being heated to melting point and pressed against the edges of the plastic material lamina until welding of same, leaving the welding seam to cool until solidifying.

8. (Original) The method of claim 2, wherein the curved plastic material lamina is formed from a plane plastic band, uncoiled from a plastic band coil and transversally curved until obtaining a circular slit pipe.

9. (Currently amended) An expanding tool ~~to carry out the method according to any of claims 2 thru 8, said expanding tool~~ comprising a cart with less height and width than the inner diameter of the curved plastic material lamina, provided with wheels that run over the lower portion of the inner surface of the plastic material pipe; the cart is connected to a longitudinal shaft protruding from one of the pipe's ends, which allows the cart movement; a number of radial expansion rollers evenly distributed, mounted through respective unfolding supports, and expanding members on the cart or the shaft.

10. (Original) The expanding tool of claim 9, wherein the cylinders unfolding supports are constituted by respective tilting arms with an expanding roller at one end, and hinged to the cart or shaft at the opposite end, the expanding members being a spiral spring.

11. (Original) The tool of claim 10, wherein the expanding member is a hydraulic cylinder.

12. (Currently amended) The tool according to ~~any of claims 9 to 11~~ claim 9, comprising at least two pairs of expanding cylinders, each pair arranged vertically and horizontally, respectively.

13. (Original) The tool according to claim 12, wherein the lower roller has a peripheral central rim which engages in the slit of the plastic material pipe, to serve as a guide.

14. (Currently amended) The tool according to ~~any of claims 9 to 13~~ claim 9, wherein the cart has, in its lower part, an injector of fluid filler material aligned with the longitudinal slit of the slit plastic material pipe.

5 15. (Original) The tool of claim 14, wherein the cart has at the back of the filler material injector, seen in the direction of movement of the cart, a smoothing cylinder to smooth the resulting filler seam.

16. (Currently amended) The tool according to ~~any of claims 9 to 13~~ claim 9, wherein the cart has, in its lower part, a welding arrangement for applying fused plastic material and a feeder for plastic material welding rods.

10 17. (Currently amended) A Use of a composite pipe according to claim 1 and/or ~~manufactured by the method of claims 2 to 8~~, for conveying chemical and/or mechanically aggressive fluids.

18. (New) The tool according to claim 10, comprising at least two pairs of expanding cylinders, each pair arranged vertically and horizontally, respectively.

15 19. (New) The tool according to claim 11, comprising at least two pairs of expanding cylinders, each pair arranged vertically and horizontally, respectively.